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June 1998 SIGMOD '98: Proceedings of the 1998 ACM SIGMOD international conference on database management

Publisher: ACM

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 Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 52, Citation

For many years, TIBCO (the Information Bus Company) has pioneered a new form of push technology — to build flexible, real-time loosely-coupled distributed systems. Publish/Subscribe is used by 300 of the ...

 1 [An introduction to multilevel secure relational database management](#)

Walid Rjabi

October 2004 CASCON '04: Proceedings of the 2004 conference of the Canadian Society for Computational Research

Publisher: IBM Press

 Full text available: [Pdf](#) (126.15 KB)

 Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 261, Citation

Multilevel Security (MLS) is a capability that allows information with different security clearances to be stored in an information system, with users having different security clearances being prevented from accessing information ...

 2 [Improved count suffix trees for natural language data](#)

Guido Sautter, Cristina Abba, Klemens Böhm

September 2008 IDEAS '08: Proceedings of the 2008 international symposium on internal data management applications

Publisher: ACM

 Full text available: [Pdf](#) (145.28 KB)

 Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 7, Citation

With more and more natural language text stored in databases, handling natural language becomes very important. Optimizing queries with predicates includes (selecting) estimating the selectivity of query terms based on small ...

Keywords: count suffix tree, pruning, query optimization, selectivity estimation

 3 [Transactional publish/subscribe: the proactive multicast of database](#)

Arvola Chan

June 1998 SIGMOD '98: Proceedings of the 1998 ACM SIGMOD international conference on database management

Publisher: ACM

 Full text available: [Pdf](#) (106.55 KB)



 Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 52, Citation

Keywords: event-driven, guaranteed delivery, multicast, publish.subscribe addressing, transactionally guaranteed delivery


Also published in:

June 1998 SIGMOD Record Volume 27 Issue 2

- 4 [Automatic extraction of facts from press releases to generate news stories](#)
 Peggy M. Andersen, Philip J. Hayes, Allison K. Huelstner, Linda M. Schmandt, Weinstein
 March 1992 Proceedings of the third conference on Applied natural language
 Publisher: Association for Computational Linguistics
 Full text available:  [Publisher Site](#) ,  [Pdf](#) (771.05 KB) Additional Information: [full citation](#)
 Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 12, Citation (



While complete understanding of arbitrary input text remains in the future, construct natural language processing systems that provide a partial understanding with accuracy. Moreover, such systems can provide ...

- 5 [Queue: Volume 6 Issue 3](#)
 May 2008 Queue
 Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (5.56 MB) Additional Information: [full citation](#)
 Bibliometrics: Downloads (6 Weeks): 110, Downloads (12 Months): 432, Citation (

- 6 [A distributed database architecture for global roaming in next-generation networks](#)
 Zuj: Mao, Christos Douligeris
 February 2004 IEEE/ ACM Transactions on Networking (TON) , Volume 12
 Publisher: IEEE Press
 Full text available:  [Pdf](#) (427.81 KB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 159, Citation (

The next-generation mobile network will support terminal mobility, personal portability, making global roaming seamless. A location-independent personal (PTN) scheme is conducive to implementing ...

Keywords: database architecture, location management, location tracking

- 7 [A hierarchical access control model for video database systems](#)
 Elisa Bertino, Jianping Fan, Elena Ferrari, Mohand-Said Hacid, Ahmed K. El
 April 2003 Transactions on Information Systems (TOIS) , Volume 21 Issue 2
 Publisher: ACM
 Full text available:  [Pdf](#) (6.27 MB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 137, Citation (

Content-based video database access control is becoming very important. Progresses of the following related research issues: (a) efficient video access; (b) visual concept representation; (c) effective video ...

Keywords: Video database models, access control, indexing schemes

8 Affinity-based management of main memory database clusters



Minwen Ji

November 2002 Transactions on Internet Technology (TOIT) . Volume 2

Publisher: ACM

Full text available: Pdf (553.96 KB)

Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 76, Citation

We study management strategies for main memory database clusters in Internet applications and back-end databases as content caches. The data access across individual cache databases and to route queries ...

Keywords: Main memory database, clustering, database administration organization, query affinity, scalability

9 A formal framework for reflective database access control policies



Lars E. Olson, Carl A. Gunter, P. Madhusudan

October 2008 CCS '08: Proceedings of the 15th ACM conference on Computer Security

Publisher: ACM

Full text available: Pdf (380.00 KB)

Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 90, Citation

Reflective Database Access Control (RDBAC) is a model in which a database query itself, rather than as a static privilege contained in a database, manages database access controls ...

Keywords: fine-grained access control, formal safety verification, reflective transaction datalog

10 A framework for scheduling parallel dbms user-defined programs on a computer



Michael A. Kochie, Ramesh Natarajan

May 2008 CF '08: Proceedings of the 2008 conference on Computing for Data Management

Publisher: ACM

Full text available: Pdf (240.44 KB)

Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 49, Citation

We describe a software framework for deploying, scheduling and executing programs on an attached high-performance computer (HPC) platform. In many DBMS workloads in the following two aspects. ...

Keywords: database accelerators, high-performance computing, parallel


11 "Yes, but does it scale?": practical considerations for database-driven



John Russell

October 2001 SIGDOC '01: Proceedings of the 19th annual international conference on Database and Document Structures

Publisher: ACM

Full text available:  Pdf (231.31 KB)


Additional Information: full citation, abstract,

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 75, Citation (

This paper explores the process of designing and implementing a database documentation, and putting it live on the web for customers to use. Using practical considerations for balancing performance, ...


Keywords: Oracle, automation, categorization, database, performance services

12 [Webformulate: a web-based visual continual query system](#)

 Jennifer Leopold, Meg Heimovics, Tyler Palmer

May 2002 WWW '02: Proceedings of the 11th international conference on

Publisher: ACM

Full text available:  Pdf (423.60 KB)


Additional Information: full citation, abstract,

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 31, Citation (

Today there is a plethora of data accessible via the Internet. The Web has searching for, accessing, and sharing information. However, a considerable data still goes unnoticed and unutilized, ...

Keywords: continual query, visual programming language, visual query

13 [ACM SIGAda Ada Letters: Volume XXV Issue 3](#)


 September 2005 SIGAda Ada Letters

Publisher: ACM

Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation (

14 [Computing curricula 2001](#)

 CORPORATE The Joint Task Force on Computing Curricula


September 2001 Journal on Educational Resources in Computing (JER)

Publisher: ACM

Full text available:  Html (2.78 KB),  Pdf (613.63 KB) Additional Information: full citation,


Bibliometrics: Downloads (6 Weeks): 112, Downloads (12 Months): 1256, Citation (

15 [Tools and approaches for developing data-intensive Web applications](#)

 Piero Fraternali

September 1999 Computing Surveys (CSUR), Volume 31 Issue 3

Publisher: ACM


Full text available:  Pdf (524.80 KB)

Additional Information: full citation, abstract,



Bibliometrics: Downloads (6 Weeks): 52, Downloads (12 Months): 572, Citation (

The exponential growth and capillar diffusion of the Web are nurturing a hybrid between traditional IS development ...

Keywords: HTML, Intranet, WWW, application, development

- 16 [Cache tables: paving the way for an adaptive database cache](#)
 Mehmet Altinel, Christof Bornhövd, Sathesh Krishnamurthy, C. Mohan, Ham
 September 2003 VLDB '2003: Proceedings of the 29th international co
 bases - Volume 29 , Volume 29
 Publisher: VLDB Endowment
 Full text available:  Pdf (193.63 KB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 44, Citation (

We introduce a new database object called Cache Table that enables pe
 partial content of a remote database table. The content of a cache table
 populated in advance at setup time, or determined ...



- 17 [Tolerating byzantine faults in transaction processing systems using c](#)
 Ben Vandiver, Hari Balakrishnan, Barbara Liskov, Sam Madden
 October 2007 SOSP '07: Proceedings of twenty-first ACM SIGOPS symposi
 principles
 Publisher: ACM
 Full text available:  Pdf (390.75 KB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 121, Citation

This paper describes the design, implementation, and evaluation of arep
 Byzantine faults in transaction processing database systems. The scherr
 and updates on multiple replicas which are unmodified, ...

Keywords: byzantine fault tolerance, databases, state machine replica




Also published in:

October 2007 SIGOPS Operating Systems Review Volume 41 Issue 6

- 18 [Model-driven development of Web applications: the AutoWeb system](#)
 Piero Fraternali, Paolo Paolini
 October 2000 Transactions on Information Systems (TOIS) , Volume 18 I
 Publisher: ACM
 Full text available:  Pdf (6.94 MB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 442, Citatio


This paper describes a methodology for the development of WWW appli
 specifically tailored for the methodology. The methodology and the deve
 upon models and techniques already used in the hypermedia, ...


Keywords: HTML, WWW, application, development, intranet, modeling

- 19 [Communications of the ACM: Volume 51 Issue 12](#)
 December 2008 Communications of the ACM
 Publisher: ACM
 Full text available:  Digital Edition ,  Pdf (6.91 MB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 9162, Downloads (12 Months): 9162, Cit

20 Exporting and interactively querying Web service-accessed sources:

 Michalis Petropoulos, Alin Deutsch, Yannis Papakonstantinou, Yannis Katsis
November 2007 Transactions on Database Systems (TODS) . Volume 32 1:
Publisher: ACM

Full text available:  Pdf (1.80 MB)

Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 188, Citatio

The CLIDE System assists the owners of sources that participate in Web systems to publish a restricted set of parameterized queries over the sc them as WSDL services. The sources may be relational ...

Keywords: Middleware, Web services, limited access patterns, query re

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